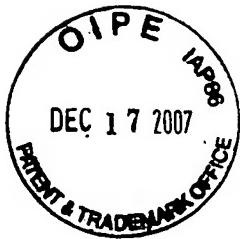


I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO: MAIL STOP AMENDMENT, COMMISSIONER FOR PATENTS, P.O. BOX 1450 ALEXANDRIA, VA 22313-1450, ON THE DATE INDICATED BELOW.
BY: Sheri A. Cocco DATE: December 14, 2007



**PATENT
MAIL STOP AMENDMENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Patent Application of : Group Art Unit: 1649
Wei SUN, *et al.* :
Appn. No: 10/540,968 : Examiner:
Filed: September 26, 2005 : Hugh M. Jones
For: METHODS AND APPARATUS : Attorney Docket No.:
FOR COMPUTER-AIDED : 046528-5047 (415078)
TISSUE ENGINEERING FOR : (formerly DRE-0179)
MODELING, DESIGN AND FREEFORM
FABRICATION OF TISSUE
SCAFFOLDS, CONSTRUCTS,
AND DEVICES

AMENDMENT AND RESPONSE TO OFFICE ACTION

This Amendment is responsive to the Non-Final Office Action mailed on June 28, 2007, in connection with the above-captioned application. This Response is being timely filed in view of a Petition for a Three-Month Extension of Time, and accompanying fee filed herewith, which extends the time for response to and through December 28, 2007. If any additional fee is required please charge Deposit Account No. 50-0573.

Please note that enclosed herein is a courtesy copy of a Revocation of Power of Attorney and Appointment of New Attorney, which was filed on December 13, 2007 and which gives the undersigned attorney, and attorneys/agents associated with Customer No. 23973, Power of Attorney in the application.

AMENDMENTS TO THE CLAIMS begin on page 2 of the present paper.

REMARKS begin on page 4 of the present paper.